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U.S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. YOR9-2001-0512US1 (728-218)  
First Inventor RAJIV V. JOSHI  
Title LOGIC OR CIRCUIT  
Express Mail Label No. EL918809328US

APPLICATION ELEMENTS		ADDRESS TO:	
See MPEP chapter 600 concerning utility patent application contents.			
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i>		Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
2. <input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
3. <input checked="" type="checkbox"/> Specification [Total Pages 9] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul>		8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ol style="list-style-type: none"> <li><input type="checkbox"/> Computer Readable Form (CRF)</li> <li>Specification Sequence Listing on:           <ol style="list-style-type: none"> <li><input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li><input type="checkbox"/> paper</li> </ol> </li> <li><input type="checkbox"/> Statements verifying identity of above copies</li> </ol>	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [ Total Sheets 1 ]		9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	
5. Oath or Declaration [ Total Pages 6 ] <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li><input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))</li> </ol> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b>            Signed statement attached deleting inventor(s)            named in the prior application, see 37 CFR            1.63(d)(2) and 1.33(b).</p>		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney	
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		11. <input type="checkbox"/> English Translation Document (if applicable)	
		12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS 13. <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Citations	
		14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	
		15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	
		16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
		17. <input type="checkbox"/> Other: .....	

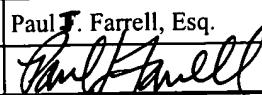
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No. ....

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			<input type="checkbox"/> or <input type="checkbox"/> Correspondence address below
Name	Paul J. Farrell, Esq.			
Address	DILWORTH & BARRESE, LLP 333 Earle Ovington Blvd.			
City	Uniondale	State	New York	Zip Code 11553
Country	U.S.A.	Telephone	(516) 228-8484	Fax (516) 228-8516
Name (Print/Type)	Paul J. Farrell, Esq.	Registration No. (Attorney/Agent)	33,494	
Signature				Date 7/06/01

## CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL918809328US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: July 6, 2001

  
 Barbara Evers

10/06/01  
JC951 U.S. PTO

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# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$ 750.00)

Complete if Known	
Application Number	
Filing Date	Herewith
First Named Inventor	JOSHI et al.
Examiner Name	
Group Art Unit	
Attorney Docket No.	(YOR9-2001-0512 US1) 728-218

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 50-0510/IBM (Yorktown Heights)

Deposit Account Name IBM (Yorktown Heights)

Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.  
See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	Requesting publication of SIR after Examiner action	
115	110	Extension for reply within first month	
116	390	Extension for reply within second month	
117	890	Extension for reply within third month	
118	1,390	Extension for reply within fourth month	
128	1,890	Extension for reply within fifth month	
119	310	Notice of Appeal	
120	310	Filing a brief in support of an appeal	
121	270	Request for oral hearing	
138	1,510	Petition to institute a public use proceeding	
140	110	Petition to revive - unavoidable	
141	1,240	Petition to revive - unintentional	
142	1,240	Utility issue fee (or reissue)	
143	440	Design issue fee	
144	600	Plant issue fee	
122	130	Petitions to the Commissioner	
123	50	Processing fee under 37 CFR 1.17(q)	
126	240	Submission of Information Disclosure Stmt	
581	40	Recording each patent assignment per property (times number of properties)	\$40
146	710	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	Request for Continued Examination (RCE)	
169	900	Request for expedited examination of a design application	
Other fee (specify) _____			
Reduced by Basic Filing Fee Paid			<b>SUBTOTAL (3) (\$ 40.00)</b>

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	710	Utility filing fee	\$710.00
106	320	Design filing fee	
107	490	Plant filing fee	
108	710	Reissue filing fee	
114	150	Provisional filing fee	
<b>SUBTOTAL (1) (\$ 710.00)</b>			

### 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	9	-20** = 0 x 18 = \$0	
Independent Claims	1	- 3** = 0 x 80 = \$0	
Multiple Dependent		270	= \$0

\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	Claims in excess of 20
102	80	Independent claims in excess of 3
104	270	Multiple dependent claim, if not paid
109	80	** Reissue independent claims over original patent
110	18	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) (\$ 0.00)</b>		

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Paul J. Farrell, Esq.	Registration No. (Attorney/Agent)	33,494	Telephone	(516) 228-8484
Signature	<i>Paul J. Farrell</i>			Date	7/06/01

## CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL918809328US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: July 6, 2001

*Barbara Evers*

Barbara Evers

Assistant Commissioner for [REDACTED]  
Washington, D.C. 20231  
Sir:

ATTORNEY DOCKET NO. 728- (YOR9-2001-0512 US1)

Date: July 24, 2001

Express Mail Label: EL 918809328 US

Date of Deposit: July 5, 2001

Transmitted herewith for filing is the Patent Application of:

Inventors: RAJIV V. JOSHI and RUCHIR PURI

For: LOGIC OR CIRCUIT

Enclosed are:  6 sheets of specification;  1 sheet(s) of Abstract;  
 2 sheet(s) of claims;  1 sheet(s) of drawing(s);

[X] An assignment of the invention to International Business Machines Corporation with Recordation Form.

[X] Declaration and Power of Attorney.

[ ] A certified copy of a \_\_\_\_\_ application, from which priority under Title 35 USC §119 is claimed.

[X] Associate Power of Attorney.

[ ] Information Disclosure Statement with copies of cited art and PTO-1449.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
<u>FOR:</u>	NO. FILED	NO. EXTRA
<u>BASIC FEE</u>		
<u>TOTAL CLAIMS</u>	9 - 20 =	0
<u>INDEP CLAIMS</u>	1 - 3 =	0
<u>MULTIPLE DEPENDENT CLAIMS</u>		
<u>PRESENTED</u>		

OTHER THAN A  
SMALL ENTITY

RATE	FEE
	\$ 710.00
X \$18 =	0.00
X \$80 =	0.00
+ 270 =	
<b>TOTAL</b>	<b>\$710.00</b>

If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

A check in the amount of \$ \_\_\_\_\_ to cover the [ ] filing fee(s) and a check to cover the [ ] recording fee are enclosed.

Please charge my Deposit Account No. 50-0510 in the amount of \$750.00.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0510/IBM (Yorktown Heights). A duplicate copy of this sheet is enclosed.

Any additional filing fees required under 37 CFR 1.16.

Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

By:

Paul J. Farrell, Esq.

Registration No. 33,494

Attorney for:

IBM Corporation

Intellectual Property Law Dept.

P.O. Box 218

Yorktown Heights, NY. 10598

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date July 6, 2001 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL 918809328 US addressed to: Box PATENT APPLICATION, Assistant Commissioner for Patents, Box PATENT APPLICATION, Washington, D.C. 20231. Barbara C. Voss

Barbara Evers

Barbara Evers

**PATENT**

Atty. Docket No. YOR9-2001-0512US1 (728-218)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Attn: Box Patent Application

**UTILITY APPLICATION DATA SHEET UNDER 37 C.F.R. §1.76**

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Rajiv V. JOSHI and Ruchir PURI

For: LOGIC OR CIRCUIT

Enclosed are:

- 6 page(s) of specification
- 1 page(s) of Abstract
- 2 page(s) of claims
- 1 sheets of drawings  formal  informal
- 6 page(s) of Declaration and Power of Attorney
- 1 page(s) Associate Power of Attorney
- 4 page(s) Assignment of Invention and Recordation Cover Sheet

Assignee Name: International Business Machines Corporation

Assignee Resident: Armonk, New York

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**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date July 6, 2001 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL918809328US addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Barbara Evers

(Type or print name of person mailing paper)

Barbara Evers

(Signature of person mailing paper)

This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s):

APPLICATION NO(S):

FILING DATE

/ \_\_\_\_\_

Certified copy of applications

Country

Appln. No.

Filed

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from which priority under Title 35 United States Code, § 119 is claimed

is enclosed.

will follow.

Address all future correspondence to:

**Paul J. Farrell, Esq.**  
**Dilworth & Barrese, LLP**  
**333 Earle Ovington Blvd.**  
**Uniondale, New York 11553**  
**(516) 228-8484**

Date: July 6, 2001

  
Paul J. Farrell, Esq.  
Reg. No. 33,494  
Attorneys for Applicant(s)

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